



# DELO<sup>®</sup> GEAR EP-5 ISOCLEAN<sup>®</sup> CERTIFIED LUBRICANT SAE 80W-90, 85W-140

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## PRODUCT DESCRIPTION

Delo<sup>®</sup> Gear EP-5 ISOCLEAN<sup>®</sup> Certified Lubricants are recommended for use in spiral bevel and hypoid differentials, power dividers, and oil-lubricated steering axle wheel bearings. Chevron ISOCLEAN Certified Lubricants have been certified to meet specified ISO Cleanliness standards at point of delivery using industry leading filtration and testing technology. ISOCLEAN Certified products are the first step for contamination control and maximizing component life.



## CUSTOMER BENEFITS

Delo Gear EP-5 ISOCLEAN Certified Lubricants deliver value through:

- **Ready to use** — Enables users to meet stringent original equipment manufacturers' cleanliness standards for fill lubricants.
- **Flexibility** — ISO Cleanliness targets can be customized to fit your business application needs.
- **Peace of mind** — Each delivery of Chevron ISOCLEAN Certified Lubricant includes an ISOCLEAN Certificate of Analysis.
- **OE fluid cleanliness requirements** — Customized to meet specific equipment manufacturers' fluid cleanliness requirements.
- **Long gear life** — Extreme pressure properties protect hypoid and other types of gears from scuffing and wear.
- **Rust and corrosion protection** — Effective inhibitor package protects against rusting or corrosion of gear and bearing surfaces.
- **Excellent foam inhibition** — Foaming minimized by use of foam inhibitor.

- **Long lubricant life** — Outstanding thermal and oxidation stability allow high temperature operation with long lubricant life.
- **Seal Protection** — Formulated to protect against oil seal deterioration.

## FEATURES

Delo Gear EP-5 ISOCLEAN Certified Lubricants are multipurpose lubricants.

They are made from paraffinic base stocks and contain a carefully balanced additive package to provide gear protection and long lubricant life.

The sulfur-phosphorus extreme pressure additive technology used in Delo Gear EP-5 ISOCLEAN Certified Lubricants provide exceptional thermal and oxidation stability. In addition, this lubricant is fortified with rust and corrosion inhibitors, a foam inhibitor, and a pour point depressant.

The sulfur-phosphorus extreme pressure additives in Delo Gear EP-5 ISOCLEAN Certified Lubricants minimize the spalling and wear of gears by creating a micro-thin sacrificial film on the surface of the gear teeth which is actually softer than the gears themselves. Frictional heat and pressures between gear teeth cause the sulfur-phosphorus to react with the surfaces of the gear teeth at the point of contact, thus creating the sacrificial film.

The highly refined base stocks and various inhibitors in the additive package help assure a well-balanced lubricant and long gear and bearing life.

Product(s) manufactured in the USA and Colombia.

Always confirm that the product selected is consistent with the original equipment manufacturer's recommendation for the equipment operating conditions and customer's maintenance practices.

A **Chevron** company product

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GL-46 ISOCLEAN

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## APPLICATIONS

Delo Gear EP-5 ISOCLEAN Certified Lubricants are recommended for use in spiral bevel and hypoid differentials, power dividers, and oil-lubricated steering axle wheel bearings.

Their multiviscosity characteristics allow their use in equipment operating over a broad ambient temperature range. This means good cold flow properties and gear protection.

Delo Gear EP-5 ISOCLEAN Certified Lubricants are approved for **SAE J2360** (formerly known as MIL-PRF-2105E). It meets the requirements of:

- **API Service Categories** MT-1 and GL-5
- **Mack** GO-J
- **Meritor** 076-D (SAE 80W-90)
- **Meritor** 076-A (SAE 85W-140)
- **Volvo** 97321 (obsolete specification)
- **ZF** TE-ML 05A, 12M, 16B, 17B, 19B, 21A (SAE 80W-90)
- **ZF** TE-ML 05A (SAE 85W-140)

Consult with your Chevron Lubricant Representative or Chevron ISOCLEAN Certified Lubricants Marketer to set specific ISO Cleanliness targets for your business application.

## TYPICAL TEST DATA

SAE Grade	Test Method	80W-90	85W-140
<i>Product Number</i>		223026	223025
<i>SDS Number</i>			
<i>U.S.</i>		44036	44036
<i>Canada</i>		44042	44042
<i>Mexico</i>		44043	44043
<i>Colombia</i>		47698	47698
Density at 15.6°C, kg/L Density at 60°F, lb/gal	ASTM D4052	0.8856 (7.39)	0.8991 (7.50)
Viscosity, Kinematic cSt at 40°C cSt at 100°C	ASTM D445	145 14.2	341 25.0
Viscosity, Brookfield cP at -12°C cP at -26°C	ASTM D2983	— 73,000	80,000 —
Viscosity Index	ASTM D2270	95	95
Flash Point, °C(°F)	ASTM D92	218(421)	226(439)
Pour Point, °C(°F)	ASTM D97	-33(-27)	-15(+5)

Minor variations in product typical test data are to be expected in normal manufacturing.

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